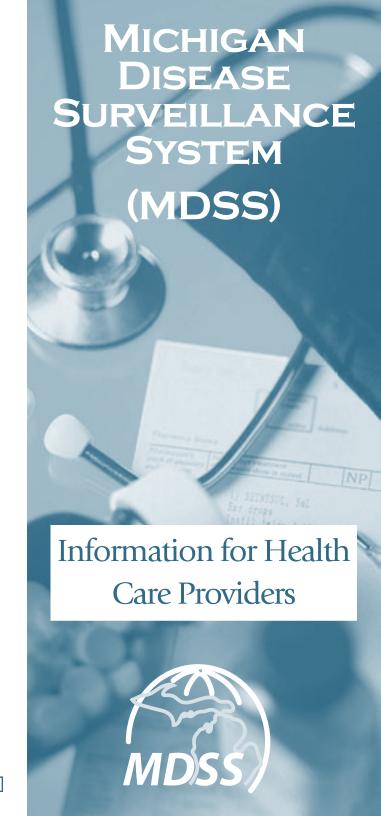## Security/Confidentiality

- Provides for the secure transfer, maintenance and analysis of communicable disease surveillance information.

- Security standards that address the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

- The MDSS will contain confidential medical information on individuals reported into the system. Data is protected by system security and role defined access, but participants will continue to be bound by rules of confidentiality while accessing system information.

Michigan Disease Surveillance System (MDSS)

Information for Health Care Providers

Michigan Department of Community Health

MDCH

Jennifer M. Granholm, Governor
Janet Olszewski, Director

MDSS

Vision

The vision of MDSS is the design and implementation of an integrated surveillance system that can transfer appropriate public health, laboratory, and clinical data efficiently and securely over the Internet. The MDSS will revolutionize public health in Michigan by gathering and analyzing information quickly and accurately. This will improve our abilities to identify and track emerging infectious diseases and potential bioterrorism attacks as well as to investigate outbreaks and monitor public health trends.

What is MDSS?

- MDSS is a web-based communicable disease reporting system developed for the state of Michigan.

- Developed to national data standards

- Facilitates coordination among local, State and Federal Public Health Agencies

- Provides for the secure transfer, maintenance and analysis of communicable disease surveillance information

- Promotes participation from a variety of stakeholders including public health, health care providers and medical laboratories

- Addresses needs in many areas of traditional disease surveillance, emergent infectious diseases and biological terrorism

Benefits of MDSS over Current Surveillance System

- A web-based interface will provide real-time access for data entry and analysis, improving timeliness over existing system that contained only cases with completed follow-up.

- Electronic routing of cases will facilitate rapid provision of referral information to the appropriate local health jurisdiction.

- The use of State and industry standards will provide for creating and maintaining a stable surveillance platform.

- Facilitation of electronic submissions from the health care and laboratory communities will promote a greater inclusion of reportable diseases with a higher degree of accuracy.

- For the first time in Michigan, data beyond core demographics will be gathered electronically on most reportable conditions permitting more thorough analysis.

Who Should I Contact for More Information?

- Your Local Health Department

- MDSS and Communicable Disease Reporting (including HIPAA considerations): http://www.michigan.gov/mdss

- **Email:** MDCH_MDSS@michigan.gov

Why Should I Use MDSS?

- Fulfills physician reporting requirement under the Michigan Communicable Disease Rules (PA 368, MCL 333.5111).

- Single point-of-access for reporting all communicable diseases.

- Communicable disease reports are automatically routed to the correct local health department for follow-up – no need to know health department phone or fax numbers.

- Physicians will have access to all case follow-up information for cases they report through MDSS.